SA-EX100/S900

SERVICE MANUAL

Photo : SA-S900 model (US model)

US Model
Canadian Model
Tourist Model
SA-S900
AEP Model
UK Model
Australian Model
SA-EX100
E Model
SA-EX100/S900

SA-EX100 is the ACTIVE SPEAKER SYSTEM section in MHC-EX10AV.
SA-S900 is the ACTIVE SPEAKER SYSTEM section in MHC-C9EX.

(Woofer)
With 6 ohm loads driven, from 40 – 3,000 Hz; rated 50 watts minimum RMS power, with no more than 0.9% total harmonic distortion from 250 milliwatts to rated output.

(Tweeter)
With 50 ohm loads driven, from 3,000 – 20,000 Hz; rated 8 watts minimum RMS power, with no more than 0.9% total harmonic distoration from 250 milliwatts to rated output.

SPECIFICATIONS

Speaker system	Active speaker, 2-way, bass-reflex type
Speaker units	
Woofer:	15 cm dia., cone type
Tweeter:	2.5 x 10 cm, electrostatic type
Continuous RMS power output	
Woofer:	50 W + 50 W (6 ohms at 40 – 3,000 Hz, 0.9% THD)
	65 W + 65 W (6 ohms at 1 KHz, 5% THD)
Tweeter:	8 W + 8 W (50 ohms at 3,000 – 20,000 Hz, 0.9% THD)
	10 W + 10 W (50 ohms at 10 kHz, 5% THD)
Power consumpiton	60 W
Dimensions	Approx. 220 x 455 x 350 mm (w/h/d) (8 3/4 x 18 x 13 7/8 inches)
Mass	Approx. 8.2 kg (18 lb 1 oz) net per speaker

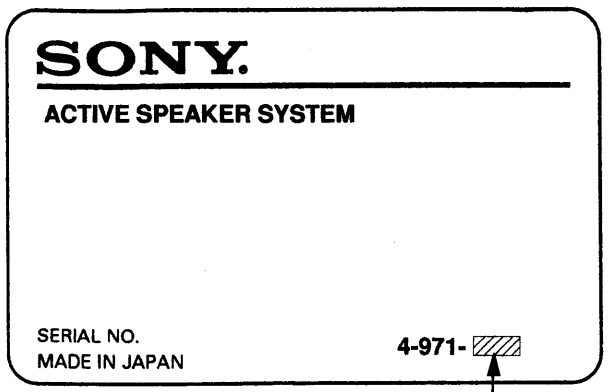
Power requirements

120 V AC, 60 Hz (US, Canadian model)
220 – 230 V AC 50/60 Hz (AEP, UK model)
110 – 120, 220 – 240 V AC adjustble 50/60 Hz (E, Australian, Tourist model)

ACTIVE SPEAKER SYSTEM

SONY®

MODEL IDENTIFICATION
— Specification Label —



SA-S900	US, Canadian model	: 390-□□
	E, Tourist model	: 391-□□
SA-EX100	AEP model	: 393-□□
	UK, German model	: 394-□□
	E, Australian model	: 392-□□

TABLE OF CONTENTS

Section	Title	Page
SECTION 1. DISASSEMBLY		
1-1.	Back Cover/Rear Cabinet	3
1-2.	Front Panel	3
SECTION 2. DIAGRAMS		
2-1.	Circuit Boards Location	4
2-2.	Semiconductor Lead Layouts	4
2-3.	Schematic Diagram	5
2-4.	Printed Wiring Board	7
SECTION 3. EXPLODED VIEWS		
3-1.	Cabinet Section	10
3-2.	Amp Section	11
SECTION 4. ELECTRICAL PARTS LIST		12

SAFETY CHECK-OUT
(US model only)

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.

2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

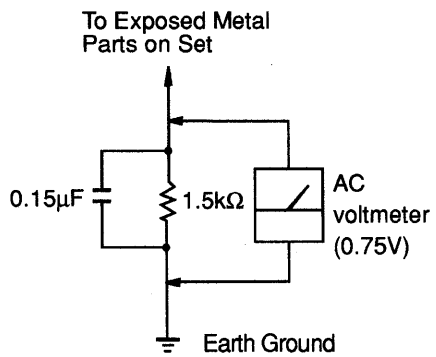


Fig. A. Using an AC voltmeter to check AC leakage.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

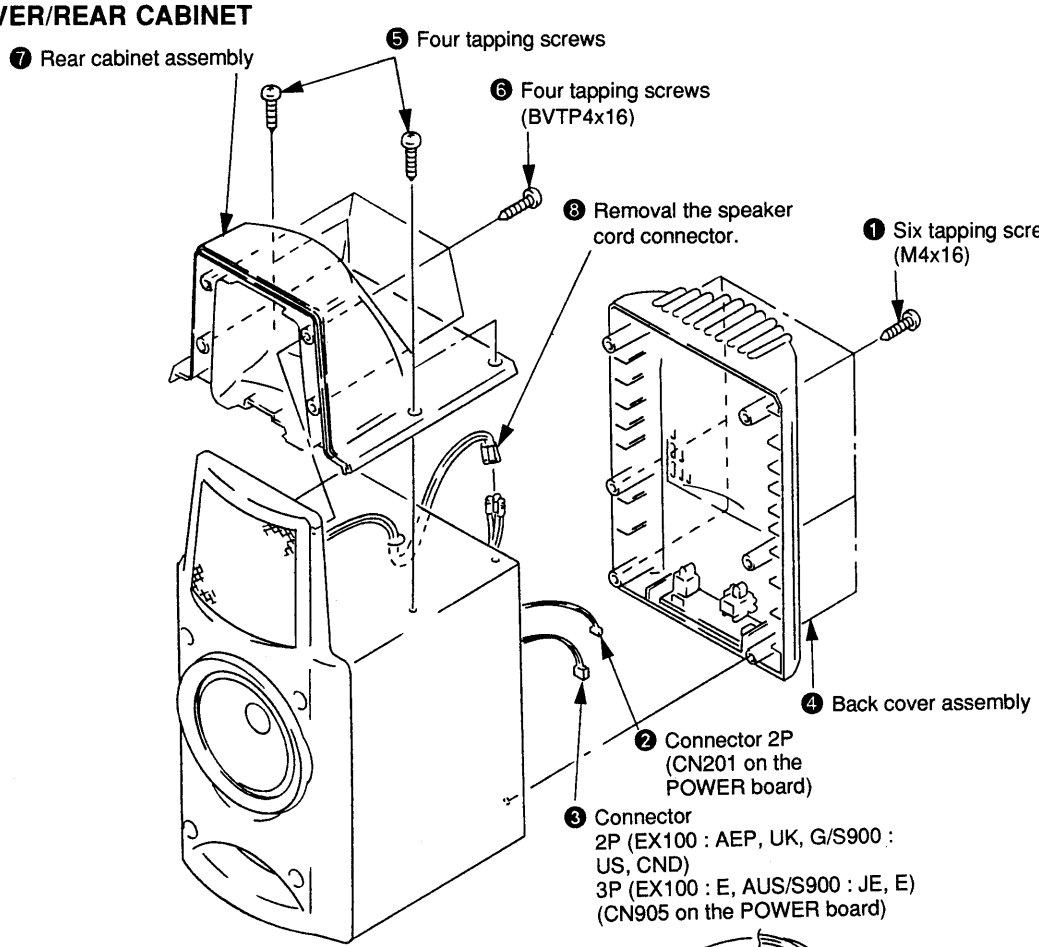
ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

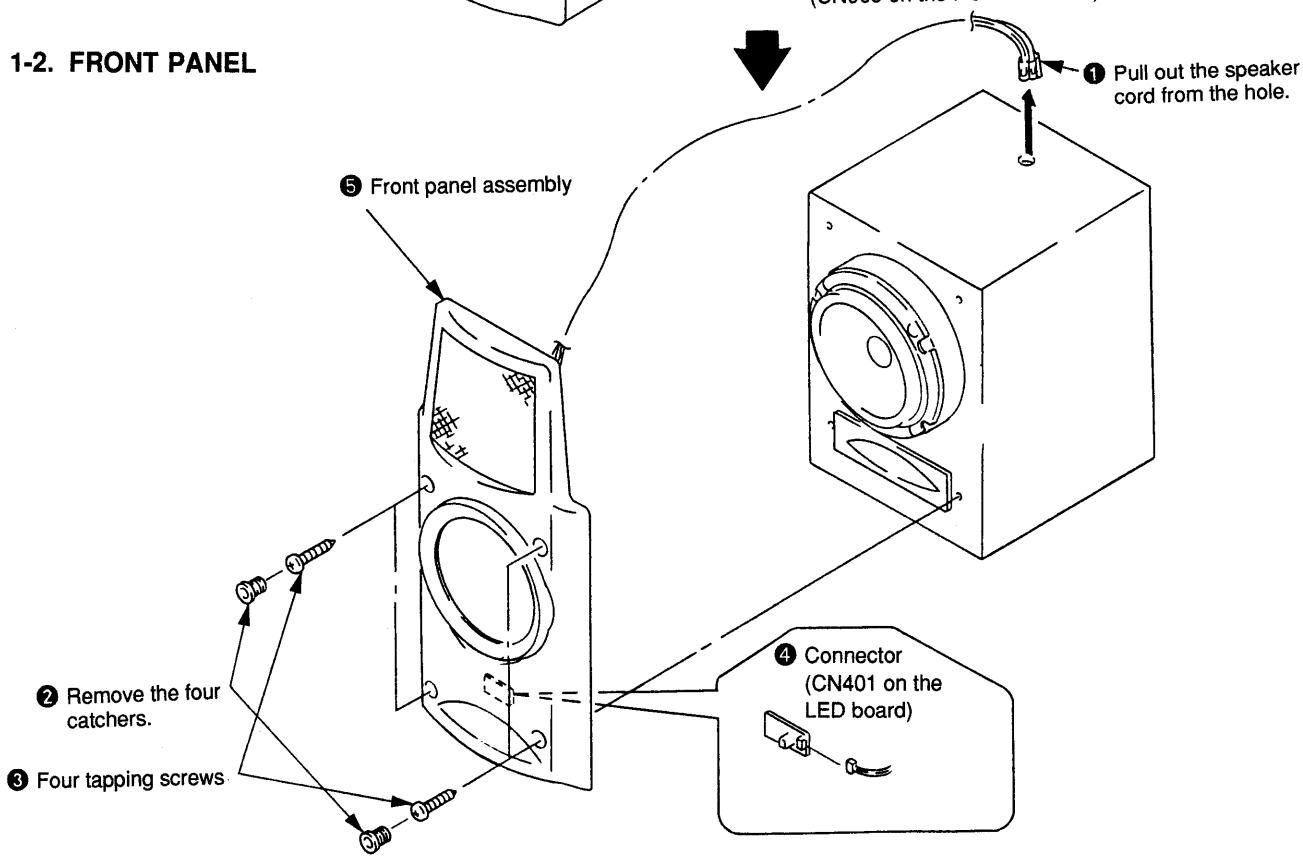
SECTION 1
DISASSEMBLY

Note : Follow the disassembly procedure in the number order given.

1-1. BACK COVER/REAR CABINET

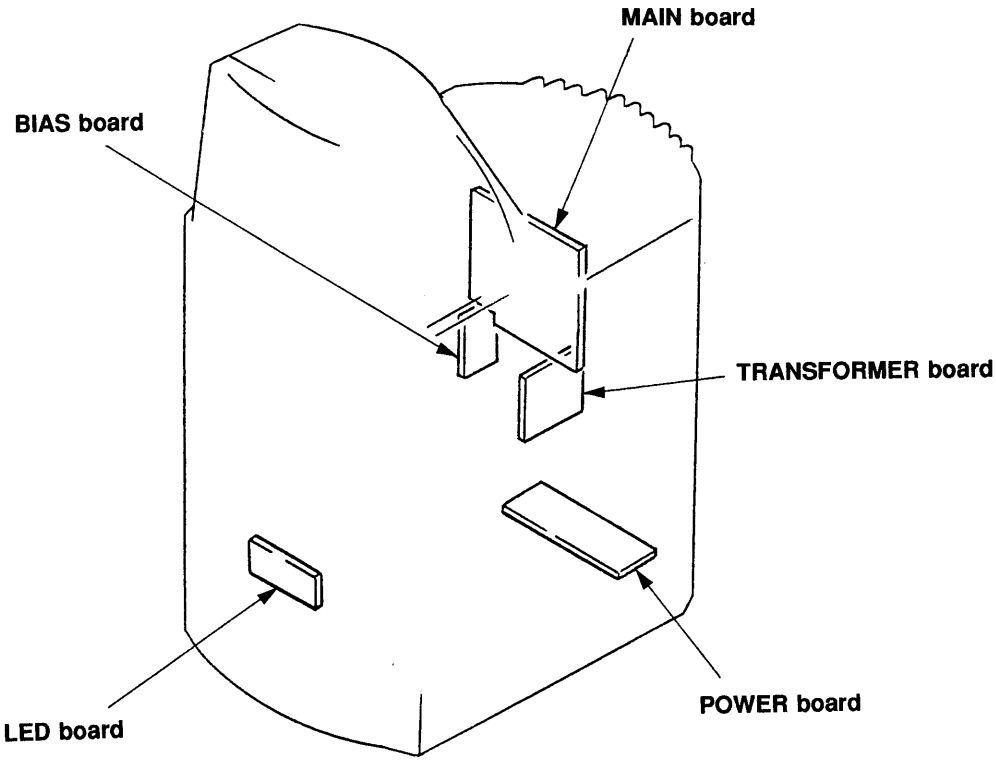

❼ Rear cabinet assembly
❺ Four tapping screws
❻ Four tapping screws (BVTP4x16)
❽ Removal the speaker cord connector.
❶ Six tapping screws (M4x16)
❹ Back cover assembly
❷ Connector 2P (CN201 on the POWER board)
❸ Connector 2P (EX100 : AEP, UK, G/S900 : US, CND) 3P (EX100 : E, AUS/S900 : JE, E) (CN905 on the POWER board)

1-2. FRONT PANEL


❶ Pull out the speaker cord from the hole.
❺ Front panel assembly
❹ Connector (CN401 on the LED board)
❷ Remove the four catchers.
❸ Four tapping screws

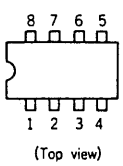
SECTION 2
DIAGRAMS

2-1. CIRCUIT BOARDS LOCATION

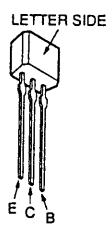


2-2. SEMICONDUCTOR LEAD LAYOUTS

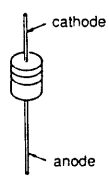
RC5532DD



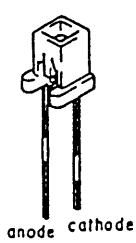
2SA1175-HFE



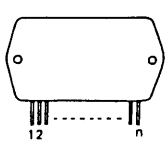
HZS16-2L



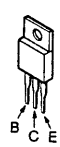
SEL3510C-CD



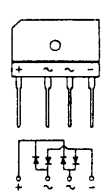
STK401-100B



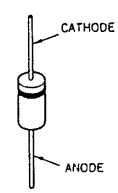
2SB1094-LK
2SD2012



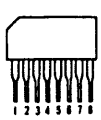
RBA-402



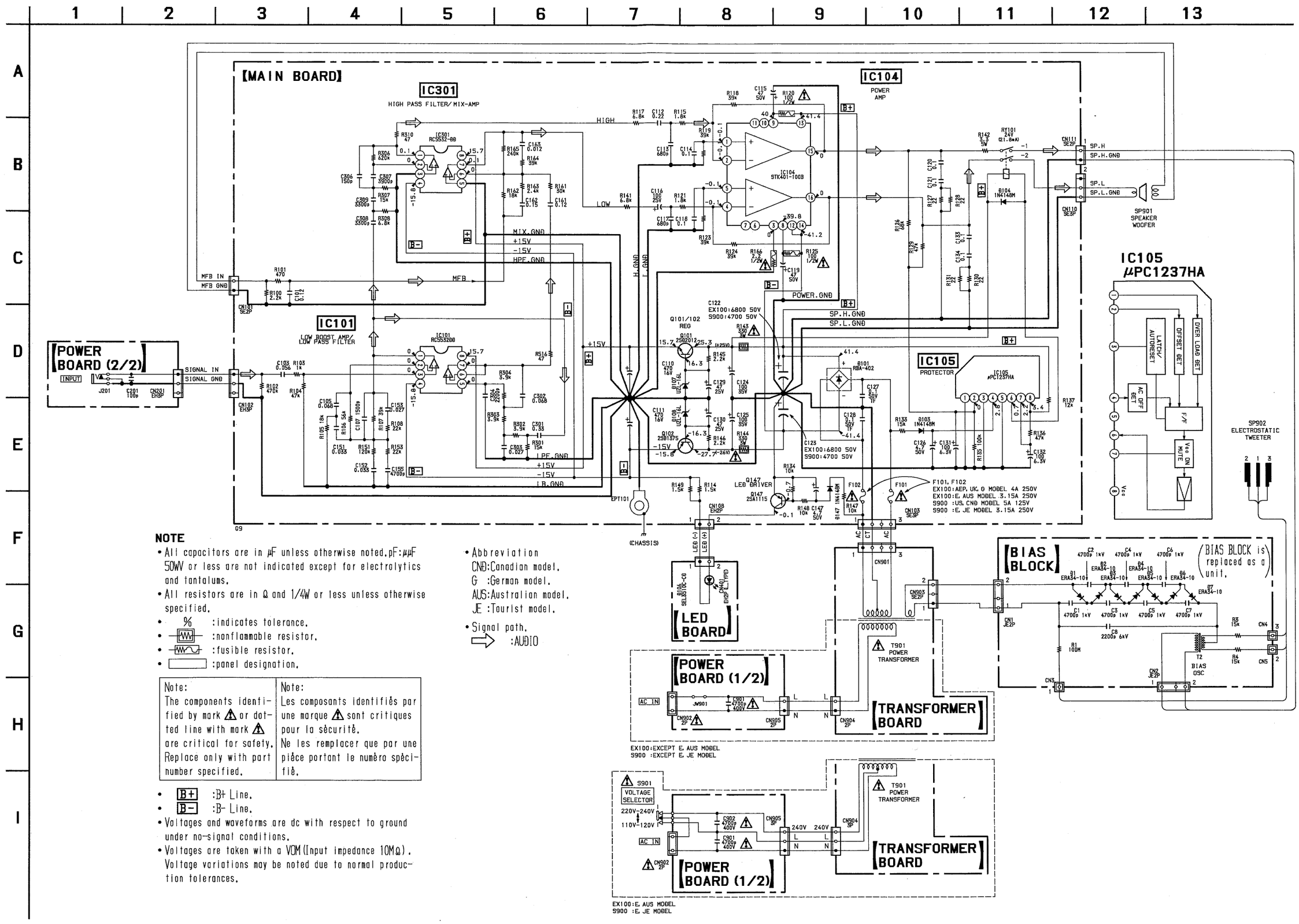
1N4148M



μPC1237HA



2-3. SCHEMATIC DIAGRAM



NOTE

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/4W or less unless otherwise specified.
- % :indicates tolerance.
- :nonflammable resistor.
- :fusible resistor.
- :panel designation.

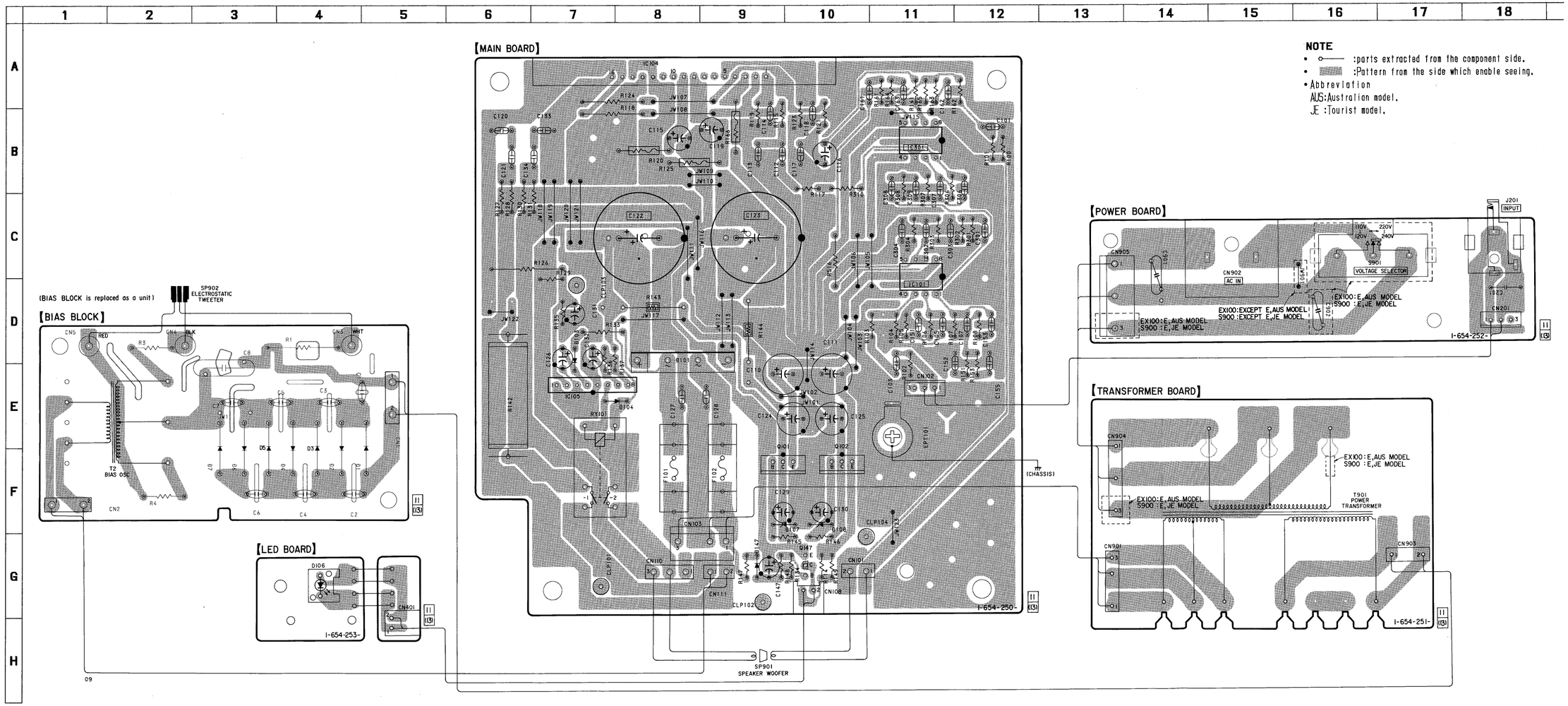
Note:	Note:
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- B+ :B+ Line.
- B− :B− Line.
- Voltages and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (Input impedance 10MΩ). Voltage variations may be noted due to normal production tolerances.

- Abbreviation
  CND: Canadian model.
  G : German model.
  AUS: Australian model.
  JE : Tourist model.
- Signal path.
  ⇨ :AUDIO

2-4. PRINTED WIRING BOARD

- See page 4 for Circuit Boards Location.
- See page 4 for Semiconductor Lead Layouts.



- Semiconductor Location

Ref. No.	Location
D101	E-8
D103	D-7
D104	E-8
D106	G-4
D107	G-9
D108	F-10
D147	G-9
IC101	D-11
IC104	A-7
IC105	E-7
IC301	B-11
Q101	F-9
Q102	F-10
Q147	G-10

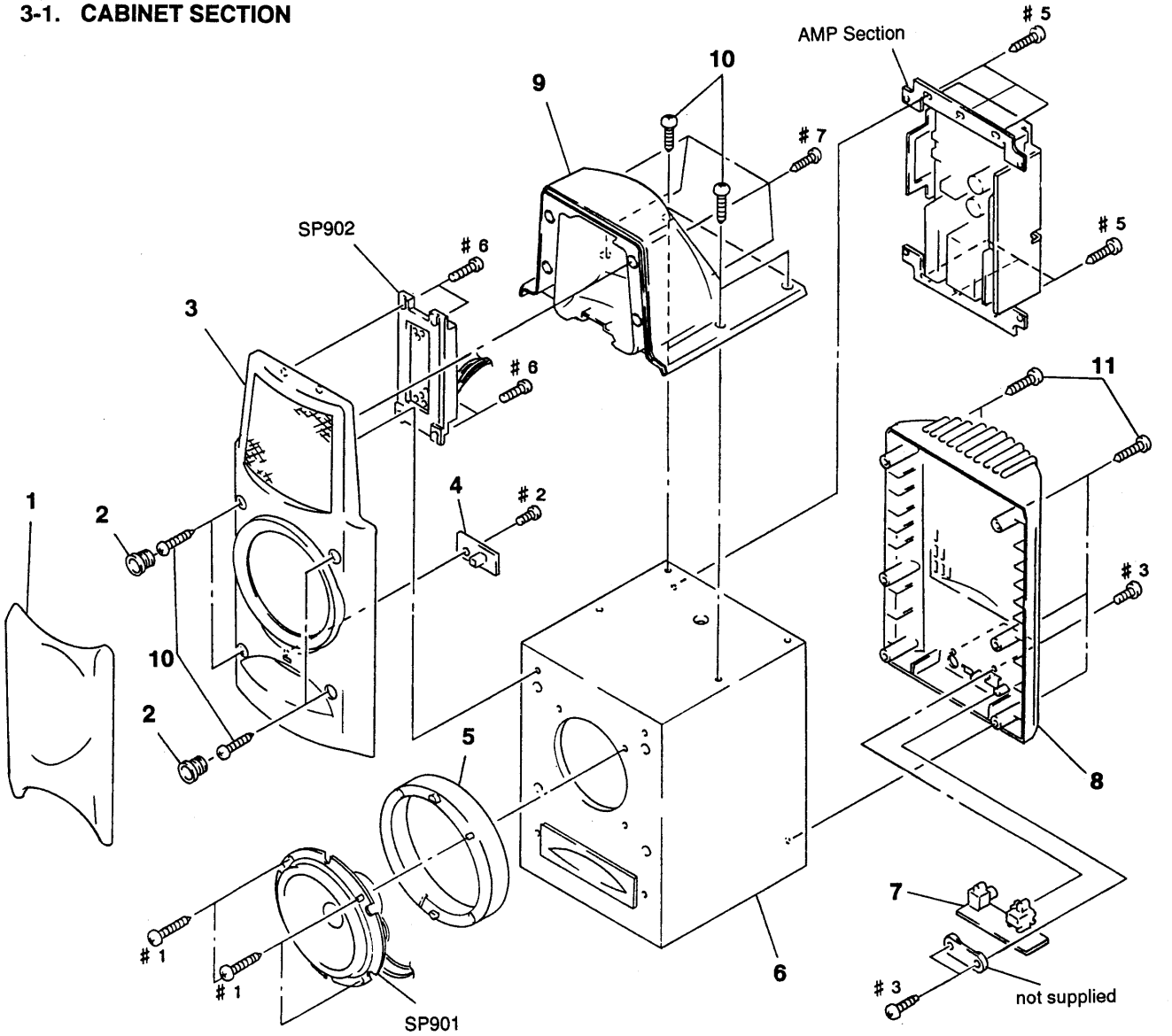
SECTION 3
EXPLODED VIEWS

NOTE:
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
  CND : Canadian model
  G : German model
  AUS : Australian model
  JE : Tourist model
- -XX, -X mean standardized parts, so they may have some difference from the original one.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list and accessories and packing materials are given in the last of this parts list.

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

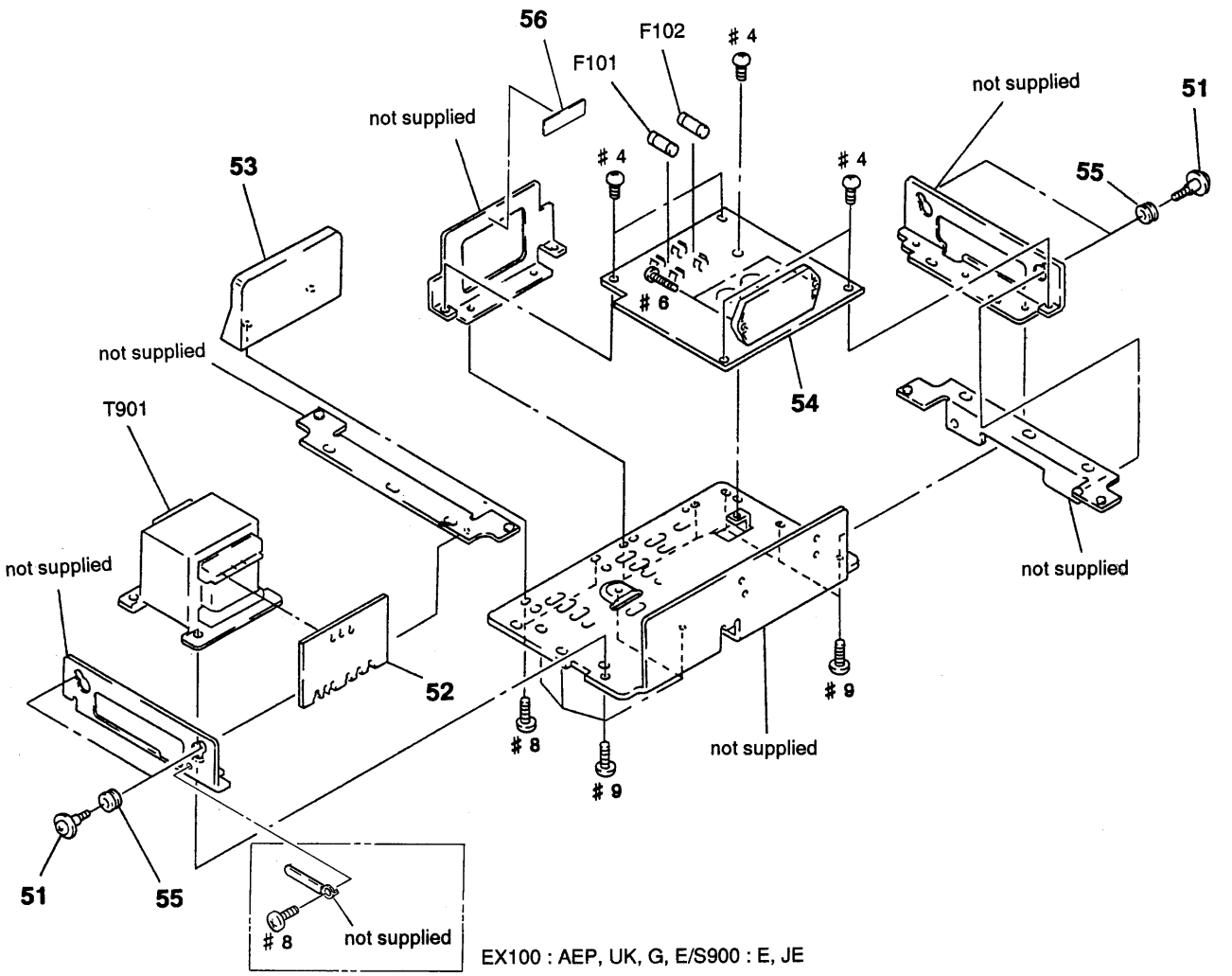
Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

3-1. CABINET SECTION



Ref. No.	Part No.	Description	Remark
1	X-4945-291-1	FRAME ASSY, GRILLE	
2	4-912-253-01	CATCHER	
3	X-4945-290-1	PANEL ASSY, FRONT (EX100/S900:JE, E)	
3	X-4945-541-1	PANEL ASSY, FRONT (S900:US, CND)	
* 4	1-654-253-11	LED BOARD	
* 5	X-4945-293-1	RING ASSY, WOOFER	
* 6	A-4361-186-A	CABINET ASSY, SPEAKER (EXCEPT EX100:G)	
* 6	A-4361-310-A	CABINET ASSY, SPEAKER (EX100:G)	
* 7	1-654-252-11	POWER BOARD	
8	X-4945-731-1	COVER ASSY, BACK (EX100:AEP, UK, G)	
8	X-4945-860-1	COVER ASSY, BACK (S900:US, CND)	
8	X-4945-861-1	COVER ASSY, BACK (EX100:E, AUS/S900:JE, E)	
* 9	X-4945-292-1	CABINET ASSY, REAR (EX100/S900:JE, E)	
* 9	X-4945-542-1	CABINET ASSY, REAR (S900:US, CND)	
10	4-962-063-01	SCREW	
11	4-923-040-11	SCREW (4X16), TAPPING	
SP901	1-504-671-11	SPEAKER (WOOFER) (15cm)	
SP902	1-504-680-11	SPEAKER (TWEETER) (2. 2X10) (EX100/S900:JE, E)	
SP902	1-504-680-21	SPEAKER (TWEETER) (2. 2X10) (S900:US, CND)	

3-2. AMP SECTION



EX100 : AEP, UK, G, E/S900 : E, JE

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

Ref. No.	Part No.	Description	Remark
51	4-959-869-01	SCREW (STEP) (M3X6)	
* 52	1-654-251-11	TRANSFORMER BOARD	
53	A-4361-196-A	BIAS BLOCK ASSY (EX100/S900:JE, E)	
53	A-4361-296-A	BIAS BLOCK ASSY (S900:US, CND)	
* 54	A-4377-583-A	MAIN BOARD, COMPLETE (EX100)	
* 54	A-4377-584-A	MAIN BOARD, COMPLETE (S900)	
* 55	4-941-563-01	BUSHING	
56	3-703-044-26	LABEL, CAUTION (S900:US, CND)	
⚠F101	1-532-237-00	FUSE, TIME LAG (3.15A 250V) (EX100:E, AUS/S900:JE, E)	
⚠F101	1-532-350-00	FUSE (4A 250V) (EX100:AEP, UK, G)	
⚠F101	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA. 5) (5A 125V) (S900:US, CND)	
⚠F102	1-532-237-00	FUSE, TIME LAG (3.15A 250V) (EX100:E, AUS/S900:JE, E)	
⚠F102	1-532-350-00	FUSE (4A 250V) (EX100:AEP, UK, G)	
⚠F102	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA. 5) (5A 125V) (S900:US, CND)	
⚠T901	1-427-744-11	TRANSFORMER, POWER (S900:US, CND)	
⚠T901	1-427-745-11	TRANSFORMER, POWER (EX100:AEP, UK, G)	
⚠T901	1-427-746-11	TRANSFORMER, POWER (EX100:E, AUS/S900:JE, E)	

LED MAIN

SECTION 4
ELECTRICAL PARTS LIST

NOTE:

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une piéce portant le numéro spécifié.

When indicating parts by reference number, please include the board name.

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
  CND : Canadian model
  G : German model
  AUS : Australian model
  JE : Tourist model

- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F : nonflammable
- SEMICONDUCTORS
  In each case, u: μ , for example:
  uA...: μA..., uPA...: μPA..., uPB...: μPB..., uPC...: μPC..., uPD...: μPD...
- CAPACITORS
  uF : μF
- COILS
  uH : μH

Ref.No.	Part No.	Description			Remark
*	1-654-253-11	LED BOARD			
		*********			
		< CONNECTOR >			
CN401	1-564-517-11	PLUG, CONNECTOR 2P			
		< DIODE >			
D106	8-719-018-46	DIODE SEL3510C-CD			
**********					
*	A-4377-583-A	MAIN BOARD, COMPLETE (EX100)			
		**********			
*	A-4377-584-A	MAIN BOARD, COMPLETE (S900)			
		**********			
	1-533-293-11	FUSE HOLDER			
		< CAPACITOR >			
C101	1-136-166-00	FILM	0.12uF	5% 50V	
C103	1-136-162-00	FILM	0.056uF	5% 50V	
C105	1-136-163-00	FILM	0.068uF	5% 50V	
C107	1-130-473-00	MYLAR	0.0015uF	5% 50V	
C110	1-126-012-11	ELECT	470uF	20% 16V	
C111	1-126-012-11	ELECT	470uF	20% 16V	
C112	1-136-169-00	FILM	0.22uF	5% 50V	
C113	1-130-469-00	MYLAR	680PF	5% 50V	
C114	1-136-165-00	FILM	0.1uF	5% 50V	
C115	1-124-910-11	ELECT	47uF	20% 50V	
C116	1-124-122-11	ELECT	100uF	20% 50V	(EX100)
C116	1-124-478-11	ELECT	100uF	20% 25V	(S900)
C117	1-130-469-00	MYLAR	680PF	5% 50V	
C118	1-136-165-00	FILM	0.1uF	5% 50V	
C119	1-124-910-11	ELECT	47uF	20% 50V	
C120	1-136-165-00	FILM	0.1uF	5% 50V	
C121	1-136-165-00	FILM	0.1uF	5% 50V	
C122	1-110-667-11	ELECT	6800uF	50V	(EX100)
C122	1-126-138-11	ELECT	4700uF	20% 50V	(S900)
C123	1-110-667-11	ELECT	6800uF	50V	(EX100)
C123	1-126-138-11	ELECT	4700uF	20% 50V	(S900)
C124	1-124-122-11	ELECT	100uF	20% 50V	
C125	1-124-122-11	ELECT	100uF	20% 50V	
C126	1-124-927-11	ELECT	4.7uF	20% 100V	
C127	1-136-165-00	FILM	0.1uF	5% 50V	
C128	1-136-165-00	FILM	0.1uF	5% 50V	
C129	1-124-910-11	ELECT	47uF	20% 50V	
C130	1-124-910-11	ELECT	47uF	20% 50V	
C131	1-124-443-00	ELECT	100uF	20% 10V	
C132	1-124-443-00	ELECT	100uF	20% 10V	
C133	1-136-165-00	FILM	0.1uF	5% 50V	
C134	1-136-165-00	FILM	0.1uF	5% 50V	
C147	1-124-927-11	ELECT	4.7uF	20% 100V	
C151	1-136-159-00	FILM	0.033uF	5% 50V	
C152	1-136-159-00	FILM	0.033uF	5% 50V	
C153	1-130-488-00	MYLAR	0.027uF	5% 50V	
C155	1-130-479-00	MYLAR	0.0047uF	5% 50V	
C161	1-136-166-00	FILM	0.12uF	5% 50V	
C162	1-136-167-00	FILM	0.15uF	5% 50V	
C163	1-130-484-00	MYLAR	0.012uF	5% 50V	
C301	1-136-171-00	FILM	0.33uF	5% 50V	
C302	1-136-163-00	FILM	0.068uF	5% 50V	
C303	1-130-488-00	MYLAR	0.027uF	5% 50V	
C304	1-130-475-00	MYLAR	0.0022uF	5% 50V	
C306	1-110-337-51	MYLAR	150PF	5% 50V	
C307	1-130-478-00	MYLAR	0.0039uF	5% 50V	
C308	1-130-477-00	MYLAR	0.0033uF	5% 50V	
C309	1-130-477-00	MYLAR	0.0033uF	5% 50V	
		< CONNECTOR >			
CN101	1-566-693-11	PIN, CONNECTOR 2P			
CN102	1-564-506-11	PLUG, CONNECTOR 3P			
CN103	1-565-395-11	PIN, CONNECTOR 3P			
CN108	1-564-517-11	PLUG, CONNECTOR 2P			
CN110	1-564-214-11	PIN, CONNECTOR 3P			
CN111	1-566-693-11	PIN, CONNECTOR 2P			
		< DIODE >			
D101	8-719-312-09	DIODE RBA-402			
D103	8-719-987-63	DIODE 1N4148M			
D104	8-719-987-63	DIODE 1N4148M			
D107	8-719-933-88	DIODE HZS16-2L			
D108	8-719-933-88	DIODE HZS16-2L			
D147	8-719-987-63	DIODE 1N4148M			

Ref.No.	Part No.	Description				Remark
		< GROUND PLATE >				
* EPT101	4-870-539-00	PLATE, GROUND				
		< FUSE >				
⚠F101	1-532-237-00	FUSE, TIME LAG (3.15A 250V) (EX100:E, AUS/S900:E, JE)				
⚠F101	1-532-350-00	FUSE, (4A 250V) (EX100:AEP, UK, G)				
⚠F101	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA.5) (5A 125V) (S900:US, CND)				
⚠F102	1-532-237-00	FUSE, TIME LAG (3.15A 250V) (EX100:E, AUS/S900:E, JE)				
⚠F102	1-532-350-00	FUSE, (4A 250V) (EX100:AEP, UK, G)				
⚠F102	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA.5) (5A 125V) (S900:US, CND)				
		< IC >				
IC101	8-759-982-03	IC RC5532DD				
IC104	8-749-924-68	IC STK401-100B				
IC105	8-759-111-68	IC uPC1237HA				
IC301	8-759-982-03	IC RC5532DD				
		< TRANSISTOR >				
Q101	8-729-209-15	TRANSISTOR 2SD2012				
Q102	8-729-141-83	TRANSISTOR 2SB1094-LK				
Q147	8-729-119-76	TRANSISTOR 2SA1175-HFE				
		< RESISTOR >				
R100	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R101	1-249-413-11	CARBON	470	5%	1/4W	F
R102	1-247-895-00	CARBON	470K	5%	1/4W	
R103	1-249-417-11	CARBON	1K	5%	1/4W	F
R104	1-249-437-11	CARBON	47K	5%	1/4W	
R105	1-249-432-11	CARBON	18K	5%	1/4W	
R106	1-249-438-11	CARBON	56K	5%	1/4W	
R107	1-249-436-11	CARBON	39K	5%	1/4W	
R108	1-249-433-11	CARBON	22K	5%	1/4W	
R114	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R115	1-249-420-11	CARBON	1.8K	5%	1/4W	F
R117	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R118	1-249-436-11	CARBON	39K	5%	1/4W	
R119	1-249-436-11	CARBON	39K	5%	1/4W	
⚠R120	1-212-982-00	FUSIBLE	100	5%	1/2W	F
R121	1-249-420-11	CARBON	1.8K	5%	1/4W	F
R123	1-249-436-11	CARBON	39K	5%	1/4W	
R124	1-249-436-11	CARBON	39K	5%	1/4W	
⚠R125	1-212-982-00	FUSIBLE	100	5%	1/2W	F
R126	1-249-439-11	CARBON	68K	5%	1/4W	
R127	1-249-397-11	CARBON	22	5%	1/4W	F
R128	1-249-397-11	CARBON	22	5%	1/4W	F
R129	1-249-437-11	CARBON	47K	5%	1/4W	
R130	1-249-397-11	CARBON	22	5%	1/4W	F
R131	1-249-397-11	CARBON	22	5%	1/4W	F
R133	1-249-431-11	CARBON	15K	5%	1/4W	
R134	1-249-429-11	CARBON	10K	5%	1/4W	
R135	1-249-441-11	CARBON	100K	5%	1/4W	
R136	1-249-437-11	CARBON	47K	5%	1/4W	
R137	1-249-430-11	CARBON	12K	5%	1/4W	
R141	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R142	1-208-960-11	METAL PLATE	3.3		5W	
⚠R143	1-215-914-11	METAL OXIDE	330	5%	3W	F
⚠R144	1-215-914-11	METAL OXIDE	330	5%	3W	F
R145	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R146	1-249-421-11	CARBON	2.2K	5%	1/4W	F
R147	1-249-429-11	CARBON	10K	5%	1/4W	
R148	1-249-429-11	CARBON	10K	5%	1/4W	
R149	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R151	1-247-881-00	CARBON	120K	5%	1/4W	
R153	1-247-862-11	CARBON	20K	5%	1/4W	
R161	1-247-866-11	CARBON	30K	5%	1/4W	
R162	1-249-432-11	CARBON	18K	5%	1/4W	
R163	1-247-840-00	CARBON	2.4K	5%	1/4W	
R164	1-249-436-11	CARBON	39K	5%	1/4W	
R165	1-247-888-11	CARBON	240K	5%	1/4W	
⚠R166	1-212-942-00	FUSIBLE	2.2	5%	1/2W	F
R301	1-249-431-11	CARBON	15K	5%	1/4W	
R302	1-249-424-11	CARBON	3.9K	5%	1/4W	F
R303	1-249-424-11	CARBON	3.9K	5%	1/4W	F
R304	1-249-424-11	CARBON	3.9K	5%	1/4W	F
R306	1-247-898-11	CARBON	620K	5%	1/4W	
R307	1-249-431-11	CARBON	15K	5%	1/4W	
R308	1-249-427-11	CARBON	6.8K	5%	1/4W	F
R310	1-249-401-11	CARBON	47	5%	1/4W	F
R516	1-249-401-11	CARBON	47	5%	1/4W	F
		< RELAY >				
RY101	1-515-920-11	RELAY (24V)				
**********						
*	1-654-252-11	POWER BOARD **********				
		< CAPACITOR >				
C201	1-162-282-31	CERAMIC	100PF	10%	50V	
⚠C901	1-161-743-00	CERAMIC	0.0047uF		400V	
⚠C902	1-161-743-00	CERAMIC	0.0047uF		400V (EX100:E, AUS/S900:E, JE)	
		< CONNECTOR >				
CN201	1-564-506-11	PLUG, CONNECTOR 3P				

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POWER TRANSFORMER

Ref. No.	Part No.	Description	Remark
⚠CN902	1-526-930-11	INLET, AC (AC IN) (S900)	
⚠CN902	1-526-931-11	INLET, AC (AC IN) (EX100)	
CN905	1-564-321-00	PIN, CONNECTOR 2P (EX100:AEP, UK, G/S900:US, CND)	
CN905	1-564-687-11	PIN, CONNECTOR 3P (EX100:E, AUS/S900:E, JE)	
		< JACK >	
J201	1-750-969-11	JACK, PIN (INPUT)	
		< SWITCH >	
⚠S901	1-572-675-11	SWITCH, POWER VOLTAGE CHANGE (VOLTAGE SELECTOR) (EX100:E, AUS/S900:E, JE)	
**********			
*	1-654-251-11	TRANSFORMER BOARD **********	
		< CONNECTOR >	
CN903	1-568-226-11	PIN, CONNECTOR 2P	
CN904	1-769-292-31	LEAD (WITH CONNECTOR) (3 CORE) (EX100:E, AUS/S900:E, JE)	
CN904	1-690-123-31	REED (WITH CONNECTOR) (2 CORE) (EX100:AEP, UK, G/S900:US, CND)	
		< TRANSFORMER >	
⚠T901	1-427-744-11	TRANSFORMER, POWER (S900:US, CND)	
⚠T901	1-427-745-11	TRANSFORMER, POWER (EX100:AEP, UK, G)	
⚠T901	1-427-746-11	TRANSFORMER, POWER (EX100:E, AUS/S900:E, JE)	
**********			
		MISCELLANEOUS **********	
⚠F101	1-532-237-00	FUSE, TIME LAG (3.15A 250V) (EX100:E, AUS/S900:E, JE)	
⚠F101	1-532-350-00	FUSE (4A 250V) (EX100:AEP, UK, G)	
⚠F101	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA. 5) (5A 125V) (S900:US, CND)	
⚠F102	1-532-237-00	FUSE, TIME LAG (3.15A 250V) (EX100:E, AUS/S900:E, JE)	
⚠F102	1-532-350-00	FUSE (4A 250V) (EX100:AEP, UK, G)	
⚠F102	1-533-420-11	FUSE, GLASS CYLINDRICAL (DIA. 5) (5A 125V) (S900:US, CND)	
SP901	1-504-671-11	SPEAKER (WOOFER) (15cm)	
SP902	1-504-680-11	SPEAKER (TWEETER) (2.2X10) (EX100/S900:E, JE)	
SP902	1-504-680-21	SPEAKER (TWEETER) (2.2X10) (S900:US, CND)	
⚠T901	1-427-744-11	TRANSFORMER, POWER (S900:US, CND)	
⚠T901	1-427-745-11	TRANSFORMER, POWER (EX100:AEP, UK, G)	
⚠T901	1-427-746-11	TRANSFORMER, POWER (EX100:E, AUS/S900:E, JE)	
**********			
		ACCESSORIES & PACKING MATERIALS **********	
⚠	1-575-706-31	CORD, POWER (S900:US, CND)	
⚠	1-765-293-11	CORD, POWER (EX100:AEP, E, G, AUS)	
⚠	1-769-312-11	CORD, POWER (EX100:UK)	
	1-769-329-11	CORD, CONNECTION (PIN-PIN) (2.5m)	
⚠	1-769-459-11	CORD, POWER (S900:E, JE)	
	3-701-940-01	LABEL, BEAB (EX100:UK)	
	3-798-348-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE, GERMAN, DUTCH, SWEDISH, ITALIAN, CHINESE, KOREAN, ARABIC)	
*	4-971-160-01	CUSHION (UPPER)	
*	4-971-161-01	CUSHION (LOWER)	
*	4-972-595-01	INDIVIDUAL CARTON (EX100:AEP, UK, G, AUS)	
*	4-972-596-01	INDIVIDUAL CARTON (EX100:E)	
*	4-973-623-01	INDIVIDUAL CARTON (S900:US, CND)	
*	4-973-624-01	INDIVIDUAL CARTON (S900:JE)	
*	4-973-625-01	INDIVIDUAL CARTON (S900:E)	
**********			
		********** HARDWARE LIST **********	
#1	7-621-849-50	SCREW, WOOD +R 4.1X40	
#2	7-685-134-19	SCREW +P 2.6X8 TYPE2 NON-SLIT	
#3	7-685-147-19	SCREW +P 3X10 TYPE2 NON-SLIT	
#4	7-682-548-04	SCREW +BVTT 3X8 (S)	
#5	7-685-163-01	SCREW +P 4X16 TYPE1	
#6	7-685-650-79	SCREW +BVTP 3X16 TYPE2 IT-3	
#7	7-685-663-79	SCREW +BVTP 4X16 TYPE2 IT-3	
#8	7-685-647-79	SCREW +BVTP 3X10 TYPE2 IT-3	
#9	7-682-549-04	SCREW +BVTT 3X10 (S)	

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